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### (54) PNEUMATIC TIRE

(57) Abstract:

**PROBLEM TO BE SOLVED:** To provide a pneumatic tire capable of improving tire noise performance and at the same time keeping down cost increase without incurring sharp increase in rolling resistance caused by  $\tan \delta$  increase and conspicuous deterioration in abrasion resistance and cut-resistance even if a rubber vibration isolator is used.

**SOLUTION:** This is with regard to a pneumatic tire having its side rubber portion 3A, which is adjointly provided on the outside of a carcass 4 on the side wall portion 3 arranged between a tread portion 1 and a bead portion 2, made inclusive of a rubber vibration isolator part 3a which is arranged so as to make it cross a midpoint C in the tire diameter direction between the shoulder ground end of a tread part 1 and the tire maximum width position 'p', and a thickness  $G_a$  in the normal direction with respect to the carcass 4 of the rubber vibration isolator part 3a in the midpoint C is made with a maximum thickness, while the ratio of  $G_a/G_b$  to a thickness  $G_b$  in the normal direction with respect to the carcass 4 of the side rubber portion 3A in the midpoint C is set to 0.1 to 0.5.

